

**AMENDMENTS TO THE ABSTRACT:**

Please cancel the previously amended Abstract and replace it with the new Abstract  
on the following page:

### Abstract of the Disclosure

A method and a device for estimating the DC offset portion of a signal, especially of a signal containing parts with sinusoidal shape, for example a signal which results from demodulation of a frequency modulated receive signal. A method is presented for correcting the direct current offset portion (DC offset) of a first signal which includes phase shifting the first signal for obtaining a second signal and comparing the first signal and the second signal with an estimated DC offset. The estimated DC offset is adjusted if the result of the comparison is that the first signal and the second signal are on different sides of the estimated DC offset and the estimated DC offset remains constant as long as the result of the comparison is that the first signal and the second signal are on the same side of the estimated DC offset.